

A large grid of musical notes from a vintage music book page. The grid consists of 12 columns and 12 rows. Each cell contains a single musical note. The notes are arranged in a repeating pattern of vertical columns: the first column contains mostly A's, the second C's, the third L's, the fourth E's, the fifth D's, and the sixth T's. The remaining columns (7-12) contain a mix of E, D, and T notes. The notes are rendered in a bold, black, sans-serif font.

FILEID**AEDLCLDEF

AAAAAA AAAAAA	EEEEEEEEE EEEEEEEEE	DDDDDDDD DDDDDDDD	LL LL	CCCCCCCC CCCCCCCC	LL LL	DDDDDDDD DDDDDDDD	DD DD	EEEEEEEEE EEEEEEEEE	FFFFFFF FFFFFFF
AA AA	AA AA	EE EE	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AA AA	AA AA	EE EE	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AA AA	AA AA	EE EE	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AA AA	AA AA	EEEEEEE EEEEEEE	DD DD	DD DD	LL LL	DD DD	DD DD	EEEEEEE EEEEEEE	FFFFFFF FFFFFFF
AA AA	AA AA	EEEEEEE EEEEEEE	DD DD	DD DD	LL LL	DD DD	DD DD	EEEEEEE EEEEEEE	FFFFFFF FFFFFFF
AAAAAAA AAAAAAA	EE EE	DD DD	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AAAAAAA AAAAAAA	EE EE	DD DD	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AA AA	AA AA	EE EE	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AA AA	AA AA	EE EE	DD DD	DD DD	LL LL	DD DD	DD DD	EE EE	FF FF
AA AA	AA AA	EEEEEEE EEEEEEE	DDDDDDDD DDDDDDDD	LLLLLLLL LLLLLLLL	CCCCCCCC CCCCCCCC	LLLLLLLL LLLLLLLL	DDDDDDDD DDDDDDDD	EEEEEEE EEEEEEE	FFFF FFFF
AA AA	AA AA	EEEEEEE EEEEEEE	DDDDDDDD DDDDDDDD	LLLLLLLL LLLLLLLL	CCCCCCCC CCCCCCCC	LLLLLLLL LLLLLLLL	DDDDDDDD DDDDDDDD	EEEEEEE EEEEEEE	FF FF
AA AA	AA AA	EEEEEEE EEEEEEE	DDDDDDDD DDDDDDDD	LLLLLLLL LLLLLLLL	CCCCCCCC CCCCCCCC	LLLLLLLL LLLLLLLL	DDDDDDDD DDDDDDDD	EEEEEEE EEEEEEE	FF FF
.....
SSSSSSS SSSSSSS	DDDDDDDD DDDDDDDD	LL LL	SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS
SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS
SSSSSS SSSSSS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS
SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS
SSSSSSS SSSSSSS	DDDDDDDD DDDDDDDD	LLLLLLLL LLLLLLLL	SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS
SSSSSSS SSSSSSS	DDDDDDDD DDDDDDDD	LLLLLLLL LLLLLLLL	SS SS	DD DD	LL LL	SS SS	DD DD	LL LL	SS SS

TITLE Local structure definition file for the ACL editor
IDENT /V04-000/

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FACILITY: Miscellaneous utilities

ABSTRACT:

This module contains the necessary definitions for the ACL editor structures and flags.

ENVIRONMENT:

VAX/VMS operating system, user mode utilities.

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AUTHOR: L. Mark Pilant CREATION DATE: 25-Jan-1983 9:30

MODIFIED BY:

V03-007 LMP0213 L. Mark Pilant 24-Mar-1984 12:23
Add support for locking and unlocking the object's ACL.

V03-006 LMP0193 L. Mark Pilant, 14-Feb-1984 9:41
Add the actions delete EOL, reset, and quit to the editor's vocabulary.

V03-006 LMP0185 L. Mark Pilant. 4-Feb-1984 12:06
Add support for device ACLs.

- V03-005 LMP0172 L. Mark Pilant, 28-Nov-1983 12:11
Numerous bug fixes, support for VT2xx terminals, and a session keystroke logger.
- V03-004 LMP0144 L. Mark Pilant, 25-Aug-1983 9:53
Add a new flag bit for the keypad mode.
- V03-003 LMP0103 L. Mark Pilant, 21-Apr-1983 12:09
Add support for HIDDEN and PROTECTED ACEs.
- V03-002 LMP0082 L. Mark Pilant, 2-Mar-1983 12:50
Remove the definitions for ACE\$x_SUCCESS and ACE\$x_FAILURE.
- V03-001 LMP0076 L. Mark Pilant, 11-Feb-1983 9:36
Fix the definition for the ITEM structure so that no tag is generated.

```
MODULE AEDSLCLDEF;
```

```
/* This module contains the local definitions used for various
/* structures and flags used within the ACL editor.
/* Define the miscellaneous flags.
```

```
aggregate FLAGDEF union prefix AED_;
```

```
FLAG BITS structure:
```

```
    VT5X bitfield mask;          /* VT52 or VT55 type terminal
    VT1XX bitfield mask;         /* VT100 type terminal
    VT2XX bitfield mask;         /* VT200 type terminal
    SCOPE bitfield mask;        /* Terminal is a scope
    WRAP bitfield mask;         /* Terminal had wrapping
    ENDACL bitfield mask;       /* End of the ACL reached
    ACERROR bitfield mask;      /* Error parsing ACE
    MODIFIED bitfield mask;     /* ACE has been modified
    BACKWARD bitfield mask;     /* Moving backwards
    RUBWORD bitfield mask;      /* Rubout/delete word indicator
    DELBOL bitfield mask;       /* Control-U/delete-EOL indicator
    GOLDKEY bitfield mask;      /* Alternate function specified
    FIRSTCHAR bitfield mask;    /* First character of entered
    INSERT bitfield mask;       /* Insert ACE at random spot
    INSERTTEXT bitfield mask;   /* Inserting text into ACE
    PROMPT bitfield mask;       /* Prompt for ACE fields/items
    OPENUIC bitfield mask;      /* UIC is not complete
    OPENACE bitfield mask;      /* ACE is not complete
    DIRECTORY bitfield mask;    /* File is a directory file
    NOITEMSEL bitfield mask;   /* Item selection not allowed
    ACEFORMAT bitfield mask;   /* Help on format not keypad
    ACTIONKEY bitfield mask;   /* ACL editor action requested
    APPLICAT bitfield mask;    /* Keypad in application mode
    OVERSTRIKE bitfield mask;  /* Insert/overstrike mode
    VERB EDIT bitfield mask;   /* Invoked by EDIT/ACL
    SET_DEV CMD bitfield mask; /* Invoked by SET DEVICE/ACL
    SET_FILE CMD bitfield mask; /* Invoked by SET FILE/ACL
    SET_DIR_CMD bitfield mask; /* Invoked by SET DIRECTORY/ACL
    SET_ACL_CMD bitfield mask; /* Invoked by SET ACL
    JNL_READ bitfield mask;    /* Reading from journal file
```

```
end FLAG BITS;
end FLAGDEF;
```

```
/* Define qualifier option flags.
```

```
aggregate OPTIONDEF union prefix AED_;
```

```
OPTION BITS structure:
```

```
    JOURNAL bitfield mask;      /* Journal file requested
    RECOVER bitfield mask;       /* Recovery file requested
    KEEPREC bitfield mask;       /* Keep the recovery file
    KEEPJNL bitfield mask;      /* Keep the journal file
```

```
end OPTION BITS;
end OPTIONDEF;
```

```
/* Common character code definitions
```

```
constant CHAR_BS equals 8 prefix AED_ tag C: /* Backspace
```

```
constant CHAR_TAB equals 9 prefix AED_tag C: /* Tab
constant CHAR_LF equals 10 prefix AED_tag C: /* Line-feed
constant CHAR_CR equals 13 prefix AED_tag C: /* Carriage-return
constant CHAR_CTLZ equals 26 prefix AED_tag C: /* Control-Z (EOF indicator)
constant CHAR_ESC equals 27 prefix AED_tag C: /* Escape
```

```
/* Line table entry definitions.  
/* Offsets into the line entry table.  
  
aggregate LINEDEF structure prefix LINE_;  
    FLINK longword unsigned;          /* Forward link  
    BLINK longword unsigned;          /* Backward link  
    SIZE word unsigned;              /* Size of input text  
    FLAGS structure word unsigned;   /* Necessary context flags  
        BEGINACE bitfield mask;      /* Beginning of the ACE  
        ENDACE bitfield mask;        /* End of the ACE  
        DUMMY bitfield mask;        /* Dummy entry for inserting  
        REPLACE bitfield mask;      /* Line replaces existing line  
        NOTOUCH bitfield mask;      /* Can't touch line segment  
    end FLAGS;  
    BINACE longword unsigned;        /* Address of binary ACE  
    FIELDST byte unsigned;          /* Base field num for segment  
    FILL_1 byte dimension 3 fill prefix LINEDEF tag; /* Start of ACE text  
    TEXT character length 1;  
end LINEDEF;
```

```
/* ACE item parsing tables.  
/* Define entries in the item tables.  
  
aggregate ITEMDEF structure prefix ITEM:  
    DSC SIZE word unsigned tag ""; /* Size of the item text  
    FILE[4 byte dimension 2 fill prefix ITEMDEF tag;  
    DSC ADDR longword unsigned tag ""; /* Address of item text  
    VALUE longword unsigned tag ""; /* Value for item  
end ITEMDEF;
```

```
/* Editor action definitions.  
/* Action definition table entry.
```

```
aggregate KEYDEF structure prefix KEY_;  
    FLINK longword unsigned;  
    BLINK longword unsigned;  
    ACTION byte unsigned;  
constant {  
    GOLD,  
    HELP,  
    HELPFMT,  
    FIND_STR,  
    FIND_NXT,  
    DEL_ACE,  
    UNDEL_ACE,  
    SEL_FIELD,  
    ADV_FIELD,  
    DEL_WRD,  
    UNDEL_WRD,  
    ADVANCE,  
    BOTTOM,  
    BACKUP,  
    TOP,  
    DEL_CHR,  
    UNDEL_CHR,  
    MOVE_QRD,  
    MOVE_ACE,  
    MOVE_EOL,  
    DEL_EOL,  
    INSERT,  
    SEL_ITEM,  
    ENTER,  
    PREV_SCREEN,  
    NEXT_SCREEN,  
    UP,  
    DOWN,  
    RIGHT,  
    LEFT,  
    OVERSTRIKE,  
    DEBUG,  
    MOVE_BOL,  
    RUB_WRD,  
    RUB_BOL,  
    UNDEL_LIN,  
    REFRESH,  
    RESET,  
    EXIT,  
    QUIT,  
    RUB_CHR,  
  
    MAX_CODE  
} equals 1 increment 1 prefix KEY_ tag C;  
SIZE byte unsigned;  
FLAGS structure byte unsigned;  
CSI bitfield mask;
```

/* Link to next definition
/* Link to previous definition
/* Action code being defined

/* Gold key
/* General help key
/* ACE format help key
/* Locate string key
/* Locate next occurrence of string
/* Delete ACE key
/* Un-delete ACE key
/* Select field key
/* Advance to next field key
/* Delete word key
/* Un-delete word key
/* Advance key
/* Set to last ACE in ACL
/* Backup key
/* Set to first ACE in ACL
/* Delete character key
/* Un-delete character key
/* Move word key
/* Move ACE key
/* Go to EOL key
/* Delete to EOL key
/* Insert ACE key
/* Select item key
/* Enter ACE key
/* Display previous screen
/* Display next screen
/* Up arrow
/* Down arrow
/* Right arrow
/* Left arrow
/* Insert/overstrike mode
/* Enter the debugger if present
/* Go to BOL key
/* Rubout word key
/* Rubout to BOL
/* Un-delete a line
/* Refresh the screen
/* Restore ACL to initial form
/* Exit the editor
/* Exit without modifying ACL
/* Rubout character key

/* Must be last
/* Size of definition text
/* Modifier flags
/* Control Sequence Introducer

```
SS3 bitfield mask;           /* Single Shift G3
GOLDREQ bitfield mask;      /* Gold key required
CTRLCHAR bitfield mask;     /* Control char definition
ESCSEQ bitfield mask;       /* Escape sequence definition
USERDEF bitfield mask;      /* User has defined the action
end FLAGS;
constant "LENGTH" equals . prefix KEY_ tag C;      /* Size of definition block
TEXT character length 1;     /* Start of text definition
end KEYDEF;

end_module AEDSLCLDEF;
```

Q002 AH-BT13A-SE
VAX/VMS V4.0

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AEDLCODE
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SUMMARY
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